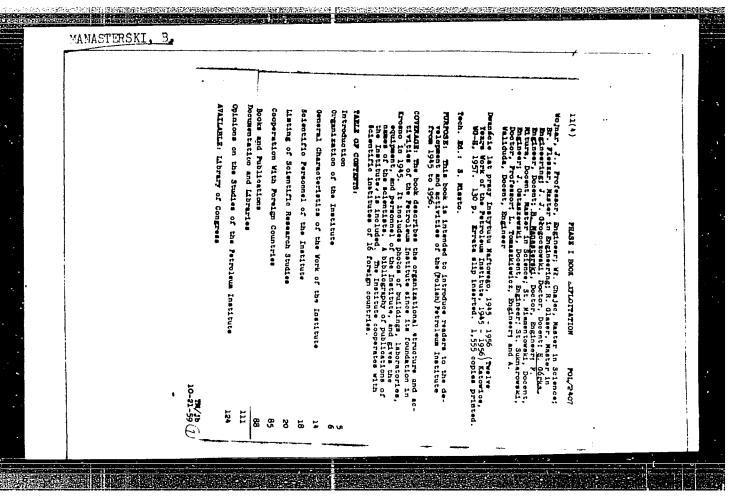
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001032110013-9



MANASTYRSKIY, R.Ya.; CHERNOV, V.I.; STUKALO, I.T.; OSNOS, M.L.; MELAMUD, M.Ya,

Certification for specialists in internal medicine. Vrach.delo no.7:
735 Jl '59.

(LVOV PROVINCE-MEDICINE-LAWS AND LEGISLATION)

MANASTYRSKIY, Roman Yaroslavovich; KOMKOV, G. [Komkov, H.], red.;
BURKATOVSKAYA, TS. [Burkatovs ka, TS.], tekhn. red.

[Public health in communistic and ca; italistic countries]
Okhorona zdorov'ia u nas i u nykh. L'viv, Knyzhkovozhurnal'ne vyd-vo, 1961. 47 p. (MIRA 15:11)

1. Zaveduyushchiy L'vovskim oblastnym otdelom okhrany zdorov'ya (for Manastyrskiy).

(PUBLIC HEALTH)

FERDINAND, Ya.M. (Rostov-na-Donu); Prinimali uchastiye: MARISOVA, A.P.;
BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA,
I.L.; TELESHEVSKAYA, E.A.; SOROLEVA, S.V.; KALININA, K.I.;
KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.;
MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.;
GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFEYEVA,
V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.;
PETROVA, Z.I.; MAKHLINCVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.;
MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO,
N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEMESHEVA, Ye.D.;
BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine against typhoid and paratyphoid B fever in school-age children. Zhur. mikrobiol., epid. i immun. 41 no.1s23-27 Ja '64.

(MIRA 18:2)

MANASYAN, A. A.

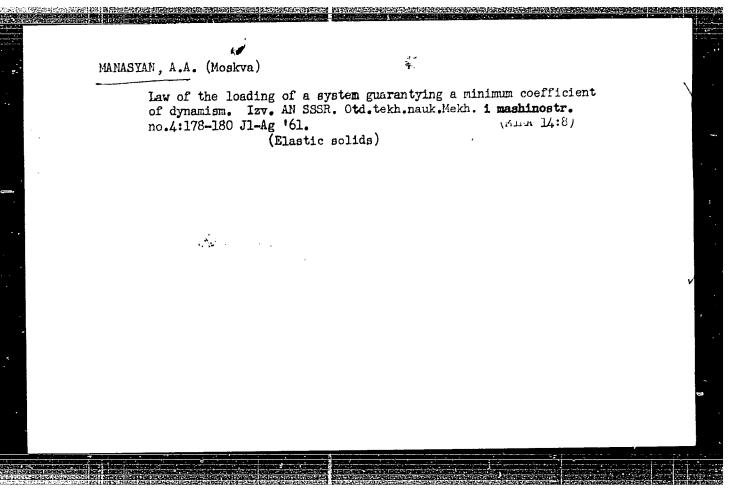
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MANASYAN, A. A. Resheniye Csnovnykh Zadach Floskoy Teorii Uprugosti Neodnorodnogo Tela Olym Konturov S Uglovymi Tochkami. Doklady (Akad Mauk Azerbaydzh. 382), 1949, No. 4, 8 197-204.

--Rezyume Na Azerbaydzh. Yaz.

--Bibliogr: 6 Nazv.

30: Letopis, No. 32, 1990.



MANASYAN, A. O.

42533. O Kolebaniyakh sakhara v krovi pri beremennosti i laktatsii v zavisimosti ot periodicheskoy deyatel'nosti organizma vne pishchevareniya.

Trudy yerevansk. Zoovet. In-Ta, vyp. 10, 1948, S. 41-75.

MANASYAN, A. C.

"Diagnosis of fertility and sterility of agricultural animals" Yerevan, 1991, 128 pages with illustrations. (Popular library for kolkhozniks)

SO: Vet., Jan. 1952, Unclassified.

Instruction for the use of biological preparations in infectious diseases of agricultural animals and fowl. Developed by the State Scientific Control Institute of Veterinary Preparations, and by the Veterinary Administration, Main Administration of Animal Husbandry, 1951, 56 pages.

MANASYAN, A. O.

Profilaktika 1 lechenie mastitov (Prophylaxis and therapy of mastitis). Erevan'. Izd-vo Glav. upr. s.-kh. nauki MSKH Arm. SSR, 1959, 136 pages with illustrations (Main Administration of Agricultural Sciences of the Ministry of Agriculture of the Armenian SSR). Price 2 r. 10 k.; 1,000 copies. In the Armenian language.

VAYNSHTEYN, G.R.; MANASYAN, B.Sh.; MONYUSHKO, V.N.

Determination of safe concentrations of air in natural gas at pressures up to 350 at. Trudy VNIITB no.10:68-74 '58, (MIRA 15:5) (Gas, Natural)

KOSTIN, B.A.; MANASYAN, B.Sh.

Wave-motion imitating gangways for safely setting men down on offshore structures. Trudy VNIITB no.11:35-44 '59. (MIRA 15:5) (Oil well drilling, Submarine)

VARTANYAN, S.A.; PIRENYAN, S.K.; MANASYAN, N.G.

Liquid phase hydration of acetylene with a copper catalyst.
Zhur.ob.khim. 31 no.7:2336-2337 Jl '61. (MIRA 14:7)

1. Institut organicheskoy khimii AN Armyanskoy SSR. (Acetylene)

GALOYAN, A.A.; MANASYAN, R.F.

Method of detecting succinic dehydrase in microstructures of the central nervous system and some data on changes in it caused by different agents. Izv. AN Arm. SSR. Biol. nauki 14, no.2:73-81 (MIRA 14:3) F '61.

1. Sektor biokhimii AN ArmSSR. (SUCCINIC DEHYDRASE) (BRAIN) (SPINAL CORD)

GALOYAN, A.A.; MANASYAN, R.F.; SRAPIONYAN, R.M.

Histochemical analysis of the mechanism of the effect of y-aminobutyric acid and insulin on the transport of glucose in tissues. Vop.biokhim. 2:109-114 '61. (MIRA 15:12)

1. Institute of Biochemistry, Academy of Sciences of Armenian S.S.R., Erevan.
(Butryric acid) (Insulin) (Glucose)

GALOYAN, A.A.; MANASYAN, R.F.

Effect of gamma-aminobutvric acid on the acetylcholinesterase activity in hypothalamus microstructures. Vop. biokhim. 3:53-59 '63.

Effect of histamine on the cholinesterase activity of hypothalamus microstructures. Ibid.:61-68 (MTRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian S.S.R., Erevan.

MANASYAN, S. A. (Baku)

"The Solution of the **S**eepage Problems of an Ellipse-Shaped Stratum with a Well of Large Radius Excentrically Located."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

MANASYAN, S.A.

Investigating the matrix of an infinite system occurring in the solution of stationary problems of the theory of filtration for elliptical layers with large-radius wells. Dokl. AN Azerb. SSR 17 no.6:457-461 '61. (MIRA 14:8)

1. Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina. Predstavleno akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.

(Oil reservoir engineering)

MANASYAN, S.A.

Solution of the Dirichlet problem for a certain doubly-connected region. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.4:59-72
'61. (MIRA 16:6)

(Harmonic functions)

MANASYAN, S.M.; MARTIKYAN, M.K.; AGASARYAN, G.P., red.; BALASANYAN, G.G., red.; CHERTOVA, Zh., tekhn.red.

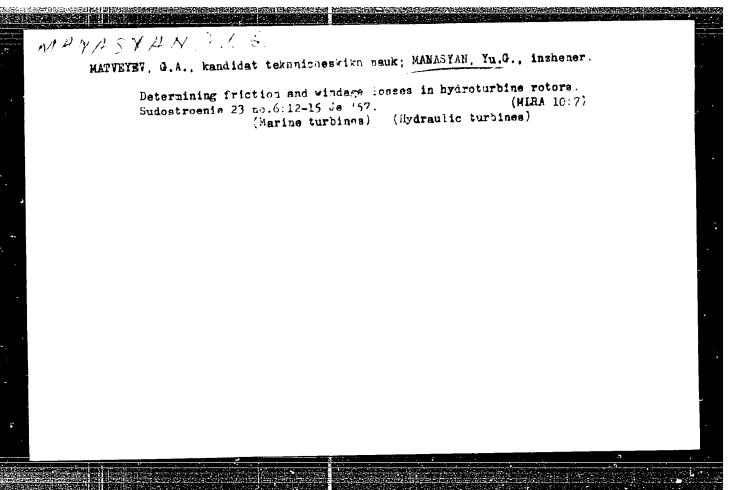
[Forty years of Soviet Armenia] 40 let Sovetskoi Armenii. Erevan, 1960. 1 v. (MIRA 14:2) (Armenia--Views) (Armenia--Economic conditions)

MANASYAN, V. A., Cand Agr Sci -- "Efficient methods of applying mineral fertilizers under corn on the alkaline chernozems of GSSR." Tbilisi, 1961. (Min of Agri GSSR. Georgian Order of Labor Red Banner Agr Inst) (KL, 3-61, 254)

- 374 -

ALKIMOVICH, A.V., inzh.; BAYEV, S.F., inzh.; MANASYAN, Ku.G., inzh.; MENSHUTKIN, V.V., inzh.; POZDETEV, A.V., kand. tekhin; nauk; SHALIK, G.P., insh.

Remarks on the article "Date on atomic power equipment and its use on ships." Sudostroenie 22 [1.e.23] no.10:63 0 '57. (MIRA 11:2) (Atomic ships)



Manayamov, G.M., montashnik; EZDRIN, K.B., inshener; KUCHMOV, A.I.,

"Thingief, nauchnyy reduktor; KRYUGER, Yu.V., redaktor izdatel'
stva; GUSAFA, S.S., teknicheskiy redaktor

[Ierge-panel construction of schools] Coyt stroitel'sive krupaoblochnykh shkol'nykh zdanii. Moskva, Wos.izd-vo lit-ry po stroit.

i arkhit., 1957. 47 p.

(Schoolhouses)

(Reinforced concrete construction)

MANAYENKOV, Grigoriy Mikhaylovich; PUTYATO, V.T., nauchnyy red.;

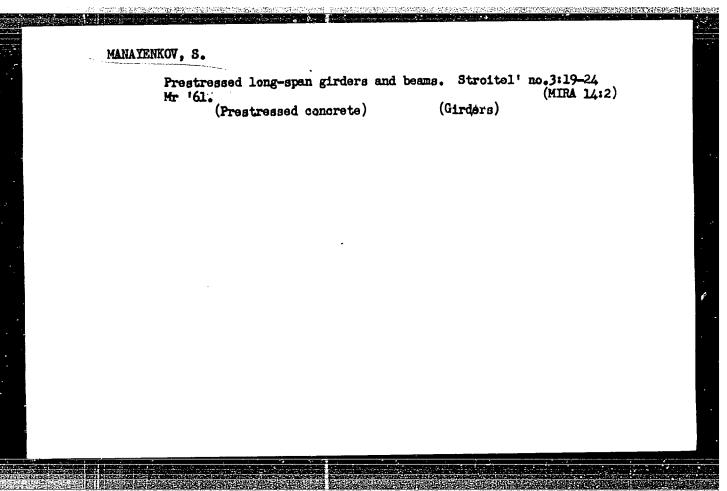
ZVORYKINA, L.N., red.izd-va; MIKHEYEVA, A.A., tekhn. red.

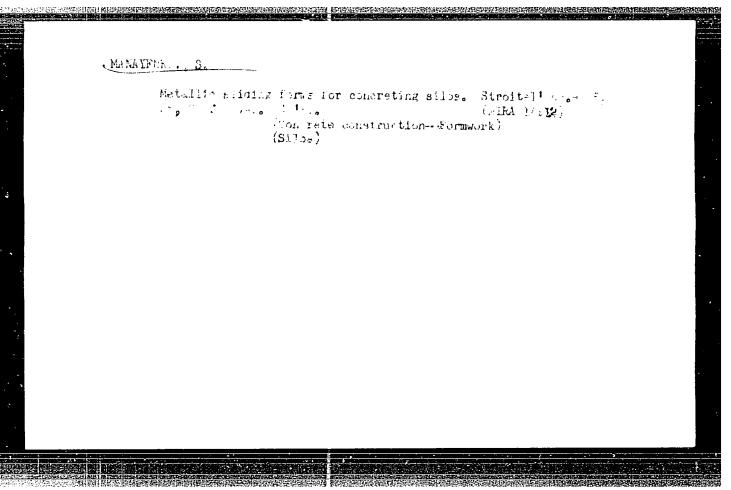
[Work practice of an instructor in advanced assembly work methods] Opyt raboty instruktora peredovykh metodov truda; montazhnye raboty. Moskva, Gosstroizdat, 1962. 59 p.

(MIRA 15:6)

(Moscow—Construction workers—Education and training)
(Precast concrete construction)

| MANAYENKOV, P. | |
|--|---|
| USSR (600) | |
| Cheese | |
| Organization of production of fatless cheese. Mol. prom. 13 no. 5 (1952) | |
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| 9. Monthly List of Russian Accessions, Library of Congress, August 1957, Uncl. | |
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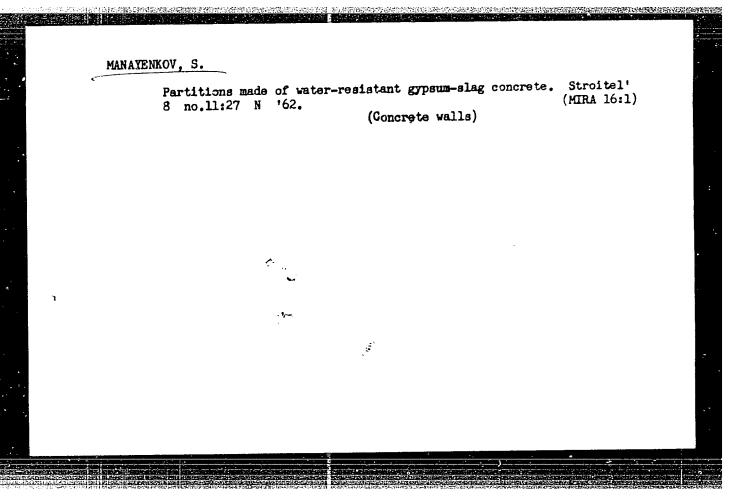




MANAYENKOV, S., inzh.

Unit-flow manufacture of floor and ceiling slabs. Stroitel' 8 (MIRA 16:2)

(Concrete plants) (Concrete slabs)



6(4) PHASE I BOOK EXPLOITATION SOV/2322

- Borodich, S.V., N.I. Kalashnikov, A.a. Model', S.D. Manayenkov, and V.V. Petrov
- Radioreleynyye linii svyazi (Radio Relay Networks) Moscow, 1957. 36 p. (Series: Obzory po novoy tekhnike. Energetika) Errata slip inserted. 3,000 copies printed.
- Sponsoring Agencies: USSR. Gosudarstvennyy komitet po novcy tekhnike, and Akademiya nauk SSSR. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii.
- Ed.: V.I. Siforov, Corresponding Member, USSR Academy of Sciences.
- PURPOSE: This booklet may be useful to engineering personnel working with radio relay systems.
- COVERAGE: The authors discuss radio relay lines existing in the USSR and abroad. They also describe the utilization of tropospheric scattering of radio waves in radio and television broadcasting. There are 10 references: 2 Soviet (both trans-

Card 1/3

| Radio Relay Nétworks | SOV/2322 |
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| lations) and 8 English. | |
| FABLE OF CONTENTS: | |
| Use of Radio Relay Lines Brief characteristics of radio re Existing radio relay lines in the | lay communication 3 |
| Soviet equipment | 6 |
| Existing radio relay lines abroad Economic effect of introducing ra | |
| State of Radio Relay Engineering in | the USSR and Abroad 15 |
| Characteristics of equipment | 15 |
| Antennas and waveguides Power supply and automatic contro | 23 |
| stations | 29 |
| Utilization of Tropospheric Scatteri unications and Transmission of Telev | ng of Radio Waves in Comm- ision Programs 31 |

| TOWNS AND THE PROPERTY OF THE | | |
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| Radio Relay Networks | SOV/2322 | |
| Conclusions and Proposals | 35 | |
| Bibliography | 37 | |
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GLADKIY, M.I. [deceased]; SHANIN, G.A.; IODKO, Ye.K.; MANAYENKOV, S.D.; MIKHAYLOV, E.A.; GRIBOVA, Ye.N.; LUGOVSKIY, P.P.; KULESHOV, S.M.; SHATOV, A.I.; SHNYREVA, N.N.; ISHKOVA, V.M.; LYKOV, A.I.; TYULYAYEV, A.N., otv. red.; SIDOROVA, T.S., red.; SHEFER, G.I., tekhn. red.

[Determining the economic efficiency of new machinery in the communication system] Opredelenie ekonomicheskoi effektivnosti novoi tekhniki v khoziaistve sviazi; informatsionnyi sbornik. Moskva, Sviaz'izdat, 1962. 174 p. (MIRA 16:3) (Communication and traffic—Technological innovations)

SOV/123-59-16-64265

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Mr 16, pp 92-93 (USSR)

AUTHOR:

Manayankov, V.P.

TUFLEZ

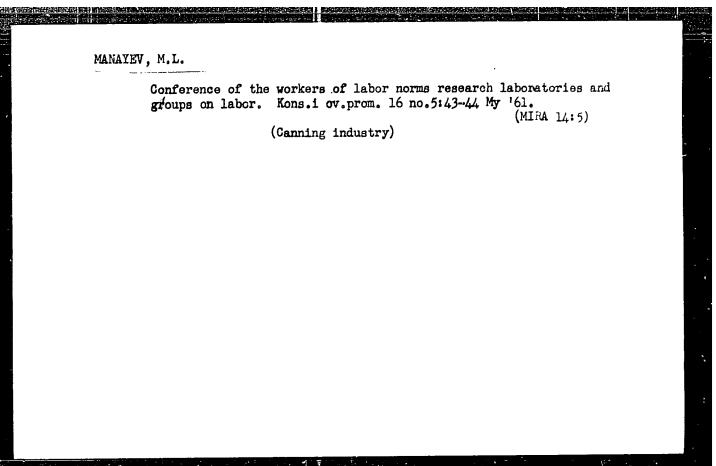
A Sleeve for the Supply of Air to Revolving Cylinders

PERIODICAL: Tekhn, -ekon. byul. Sovnarkhoz Lipetskogo ekon. adm. p-na, 1958, Nr 6, 21-22

ABSTRACT:

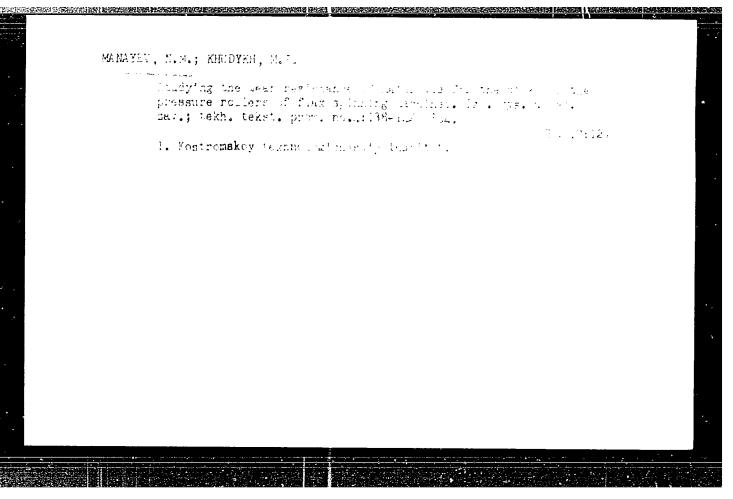
At high revolving speeds of the machine spindle the sleeves with a rubber collar seal wore quickly out. At the Lipetsk Tractor Plant the design of a sleeve was worked out which uses bronze bushings as seals. In order to avoid a leak of air, the bushing is provided with grooves of 1 mm width and depth. These grooves are filled up with heavy grease. 1 drawing. I.A.Ye.

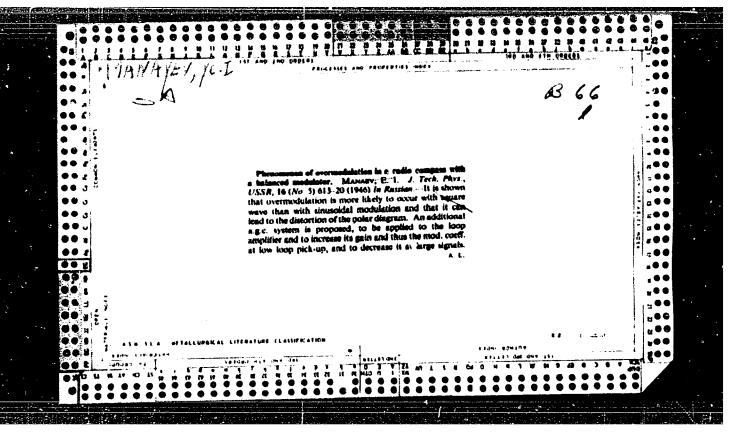
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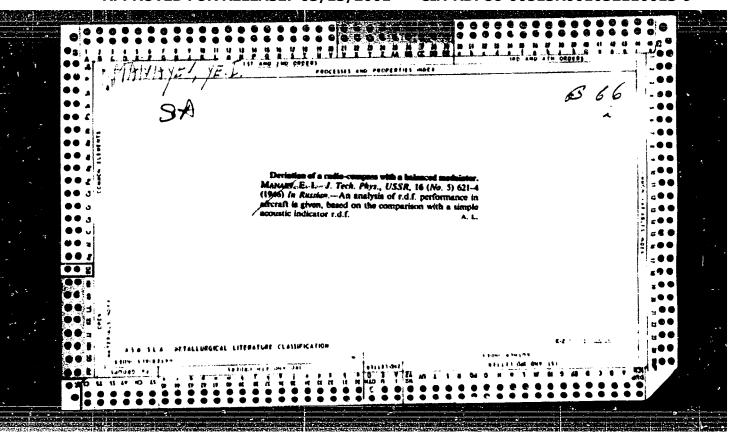


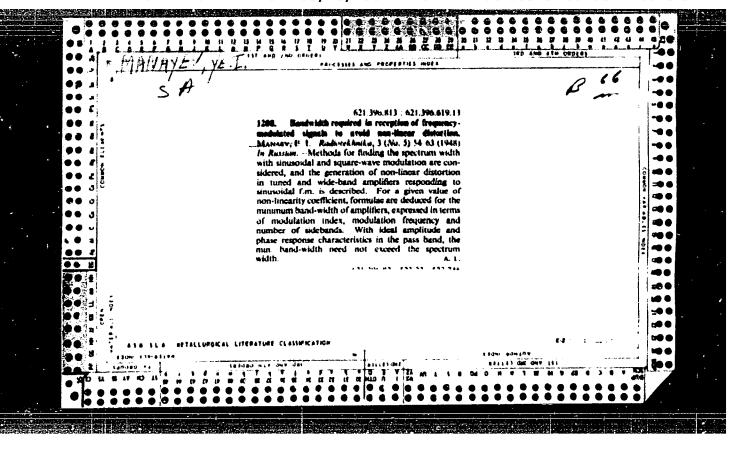
MANAYEV, N. M. Studying the pressure exerted on the neck of the pressure roller of the flax spinning machine. Izv. vys. ucheb. zav.: tekh. tekst. prom. no.4:141-148 162. (MIRA 15:10) 1. Kostromskoy tekhnologicheskiy institut. (Spinning machinery—Testing)

MANAYEV, N.M. Effect of the misalignment of the pressure rollers on the vial displacement of the corrugated cylinders of flax spinning machinery. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.61136-145 (62. (MIRA 16:2) 1. Kostromskoy tekhnologicheskiy institut. (Spinning machinery—Testing)









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MANAYAV, S.I.K. Vojrou o vijianii numezi na radotu ru inson aca. Izvistiya leningr. S extretexnn. IN-Ta IM. (1 harovu.
(Lenina), VYF. 23, 1019, S. 16-45 -- Fiblingr: S Mazv.

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MANAYEV, Ye. I.

USSR/Electronics - Reception

FD-527

Card 1/1

: Pub. 90-3/13

Author

Manayev, Ye. I., Active Member, VNORiE

Title

: Simultaneous detection of a signal and noise by amplitude and phase

detectors, operating with linear inertialess detection

Periodical

: Radiotekhnika, 9, 19-32, May/Jun 1954

Abstract

: Theoretical and experimental investigation of simultaneous detection of signal and noise by linear inertialess amplitude and phase detectors with noise in the form of one or several sinusoidal voltages and with fluctuation noise. Introduces coefficients for the noise stability of modulation and the increment of the dc signal component. Also derives simple, accurate formulas representing signal suppression by noise at any ratio of signal and noise voltages at the detector input. Paper delivered April 23, 1952, at Leningrad Electrical Engineering Institute

imeni V. I. Ol'y mov (Lenin) (LETI)

Institution : All-Union Scientific and Technical Society of Radio Engineering and

Electric Communications imeni A. S. Popov (VNORiE)

Submitted

: May 4, 1953

GRECHUSHKINA, N.N.; MANAYEVA, M.M.

Significance of the acidity of the medium to Lactobacterium lindneri. Nauch. dokl. vys. shkoly; biol. nauki no.1:161-166 '64. (MIRA 17:4)

1. Rekomendovana kafedroy mikrobiologii Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

MANAYEVA, Ol'ga Vasil'yevna; YAKUTA, Kira Ivanovna; GAVRILOV, R.A., red.; SOBOLEVA, Ye.M., tekhn. red.

[Economic calculations in the manufacture of electric and vacuum devices] Ekonomicheskie raschety v elektrovakuumnom proizvodstve. Moskva, Gosenergoizdat, 1963. 186 p.
(MIRA 16:8)

(Electric equipment industry) (Electron tubes)

MANAYEVA VM.

USSR/Virology - Viruses in Man and Animals.

E-4

Abs Jour

: Ref Zhur - Biol., No 15, 1958, 66942

Author

: Pshanichnov, A.V., Manaeva, V.M.

Inst

: Mclotovsk, med. in-t.

Title

: A Search for an Experimental Model of the Hepatitis Virus.

Orig Pub : Tr. Molotovsk. med. in-ta, 1957, vyp. 26, 184-189.

Abstract

: Mice possessing Krocker's sarcoma were innoculated with blood taken from a female patient afflicted with the hepatitis virus. After the subinaculation was completed twice (from tumor to tumor), some of the mice died, after changes occured in their liver which resembled the liver in man afflicted with hepatitis. At the tenth to twelfth subinoculations, all mice were dead. Analogous results were obtained with liver and tumor filtrates from diseased mice. The serum from convalescent subjects produced a

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4

USSR/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur- II 1., N. 15, 1958, 69942

positive "RSK" \[\int \text{RBC-Reaction of Blood Coagulation } \]
with the antigens from these tissues, and also neutralized the virus in the experiments with mice.
The authors believe that in accordance with the above method, it is possible to produce experimentally the hepatitis virus in a transmittable form.

Card 2/2

MANAYKINA, K., insh.-tekhnolog

In Riga; pies, hot cakes, doughnuts. Obshchestv.pit. no.3:24-25
Mr '59. (MIRA 12:4)

1. Upravleniye torgovli Rizhskogo gorispolkima. (Riga--Coffeehouses)

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| (Doctor; lonel); Dancioloiu. | eutenant general; Doctor of medical scien Al. (Doctor; Major); <u>Vaideanu. C. (Doctor</u> or; Major); <u>Mancas. O.</u> (Doctor; Major) | ces); <u>Suteu.</u> r; Lieutenant <i>2}</i> |
| ORG: none | $_{2} u$ | \mathcal{B} |
| TITL: Our experience in the | treatment of varicose ailments of the pel | vis |
| SOURCE: Revista sanitara mili | tara, v. 61, no. 4, 1965, 523-534 | |
| TOPIC TAGG: disease therapout | ics, disease incidence, circulatory system | m disease |
| suffering from various clinica different forms of therapoutic different methods for the sepa | hors' experience during 1952 to 1965 with 1 forms of varicose afflictions of the peapproach used are discussed, the effectivate classes of ailments is compared, and incidence and treatment of varicose ailments. | lvis. The veness of the some general |
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ACCESSION NR; AP4047999 JD Y/0001/64/000/011/1976/1981

AUTHOR: Zaric, M. (Graduate chemist); Yance, A. (Graduate chemist)

TITLE: Aluminum corrosion in twice-distilled water

SOURCE: Tehnika no. 11, 1964, 1976-1981

TOPIC TAGS: aluminum, corrosion, water, distilled water, aluminum alloy

ABSTRACT: The corrosion behavior of 99.992 pure aluminum and three aluminum base alloys (1.12% bilicon and 0.4% magnesium, 0.8% eilicon and 0.4% magnesium, or 0.4% silicon and 1.8% magnesium) in twice-distilled water (pH - 6, specific conductivity 1-3 x 10⁻⁶ ohm⁻¹ cm⁻¹) was tested at 40,60, and 80C. All the materials tested showed a roughly similar behavior in both water and vapors; relatively high rates of corrosion in the first 100-200 hr decreased gradually with prolonged exposure. In water all the materials corroded uniformly except for the alloy with 1.8% magnesium in which certain areas were attacked somewhat more heavily than the rest of the surface. In vapors corrosion was somewhat nonuniform, but only at the beginning of the test. Neither the pH nor the conductivity, but only the tamperature of the water had any effect on the rate of corrosion, which amounted

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ACCESSION NR: AP4047999

to 3.15 and 4 p/year at 40, 60, and 80C, respectively. The rate of corrosion in vapors depended also on the geometry of the specimen and its position in relation to the water surface. Orig. art. haz: 13 figures and 5 tables.

ASSOCIATION: Theriture of nuclear nauke "Boris Kidric," Relgrad-Vinca (Boris Kidric Institute of Nuclear Sciences)

SUBMITTED: O3Sep64 ENCL: 00 SUB CODE: MM

NO REF SOV: 001 OTHER: '003 ATD PRESS: 3141

MINARIK, F.; STANKOVICOVA, A.; MANCA, J.; DOUPOVCA, V., techn. spoluprace

Electrical properties of dusts in ore mines in Slovakia. Pracovni lek. 13 no.6:269-274 Ag 161.

1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel MUDr. I. Klucik.

(DUSTS)

CZECHOSLOV AKI A

MIN APIK, F., STANKOVICOVA, A., MANCA, J., Institute of Hygiene of Work and Professional Diseases, Manager Dr J. Klucik (Ustav hygieny prace a chorob z povolania, riaditel MUDr. I. Klucik), Bratislava.

" Some Problems of Medical Physics in Work with Sources of Neutron Radiation."

Prague, Pracovni Lekarstvi, Vol 15, No 2, March 63, pp 69 - 74.

Abstract: The authors give first a description of the properties of neutrons and of the nature of their radiation for 4 sources (Ra-Be, Pc-Be, Rn-Be, Sb 124-Be). They give also basic principles for the safety of hendling these materials. In the last part of the article they discuss a few specific problems of work safety with the radiation sources mentioned.

1 Table, 1 Pigure, 3 Western, 1 Czech, & Russian references.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001032110013-9"

MANCA. J.: CHOVANEC, F.; GAJDOS, A.

Transitorized detector of roentgen rays, Cesk. rentgen. 17 no.4:268-272 Jl 163.

1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel MUDr. J. Klucik.

(RADIOGRAPHY) (EQUIPMENT AND SUPPLIES)

(TECHNOLOGY, RADIOLOGIC)

MINARIK, F.; STANKOVICOVA, A.; MANCA, J.

Problems in medical physica during work with sources of neutron radiation. Prac. lek. 15 no.2:69-74 Mr 163.

l. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel MUDr. I. Klucik.
(NEUTRONS) (RADIATION PROTECTION)

MANCE, M.

Granulated celluiose acetate. p. 14
HEMPRO-BILTEN, Beograd, Vol 6, No. 1/2, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

MANCE, M.: Rajevska, M.

Melted urea as a conductor of paint; a new attempt at dyeing at high temperatures. p.31 (GLASNIX, Vol. 6, No. 7/3, 1956

50: Monthly List of East European Accessions (EEAL, LC Vol. 6, No. 12, Dec. 1957 Uncl.

MANCE, M.: RAJEVSKA, H.

Novelties in dyeing. p. 37. (GLASNIK, Vol. 6, No. 7/8, 1956

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957 Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001032110013-9"

MANCE, M.; RAJEVSKA, M.

American synthetic rubber for foreign markets. p. 7. (Hempro-bilten, Vol. 7, No. 1, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. vol. 6, No. 8, Aug 1957. Uncl.

MANCEAK, Iosif, ing.

Dismountable devices composed of standardized parts. Metalurgia constr mas 13 no.10:885-894 0 '61.

(Machinery)

RUMANIA

MANCEAN, I., Eng of ITCM [unidentified]

"New Systems of Devices."

Bucharest, Stiinta si Tehnica, Vol 15, No 7, Jul 63, pp 30-31.

Abstract: Describes the evolution, construction and applications of various devices used in the manufacturing process for making industrial machine parts. These devices of the machine-building enterprises have multiple applications and are interchangeable with other machine tools. The Soviet USP system is declared superior to the Wharton-Universal gig and fixture system (developed in England). The article emphasizes the importance of the materials used for these tools, such as quality carbon steels.

Includes 3 illustrations.

- 5 -

1/1

MANCEAN, I., ing.

New systems of devices. St si Teh Bus 15 no.7:30-31 Jl 163

1. Technological Institute for Machine Construction and Electrotechnical Engineering.

MANCEL, J.

"Mechanization of assembly of fittings." p. 300.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959. Uncl.

MANCEV, J. DITHANEZ-78

A new efficient fungicide. p. 46. Table of contents of v. 8, 1956. (Socijalisticko Zemjodelstvo, Vol. 8, no. 12, 1956.)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

MANCEV, J.

Some experiences in the protection of grapevines against injurious insects; a pre; omimary report. p. 28. (Socijalisticko zemjodelstvo. Vol. 9, No. 3, Mar. 1957, Skopje, Yugslovia)

SO: Monthly List of East European Accessions (ESAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

3(7)

SOV/25-59-10-19/48

AUTHOR:

Mancharskiy, S., Professor, Scientific Secretary

TITLE:

In the Upper Strata of the Atmosphere

PERIODICAL: Nauka i zhizn', 1959, Nr 10, p 58 (USSR)

ABSTRACT:

The article deals with the success of Polish scientists in studying the upper atmosphere and in the fields of geodesy and cartography. Polish scientists devote their special study to the dispersion of electromagnetic waves in the upper strata of the atmosphere. With the aid of the Sovetskiy komitet po provedeniyu MGG (Soviet Committee for the International Geophysical Year), two stations for sounding the ionospheres have been established in Poland which gave valuable results. In 1954, the author of this article together with Docent S. Jasnicki advanced the hypothesis of the dispersion of the dispersion of short waves among the strata of the ionosphere. Investigations have proven the correctness of this hypothesis. The author reports on interesting

Card 1/3

SOV/25-59-10-19/48

In the Upper Strata of the Atmosphere

explorations on the extension of short waves carried out by Polish scientific expeditions in Viet-Nam and Spitzbergen. It is supposed that the origin of this phenomena consists in the wave-like character of the ionospheric layers (Martin-Lamb waves) and in particular in dispersion. The ionospheric station near Warsaw succeeded in measuring a considerable incline of the ionosphere. Institute of Geodesy and Cartography in co-operation with scientific institutes of other East Bloc countries has determined with high accuracy the difference of the geographic longitudes between Borowa Góra and Potsdam, Prague, Budapest and Sofia. Interesting data on the rotatory movement of the Earth have been obtained by the Astronomical Station in Borowiec in co-operation with the Soviet latitudinal station in Irkutsk. In Poland. 10 stations for visual observations of artificial satellites are working. The author stresses the scientific

Card 2/3

SOV/25-59-10-19/48

In the Upper Strata of the Atmosphere

collaboration between Poland and Viet-Nam. A joint scientific expedition is working at the stations Shapa and Fu-L'yen. The investigations include meteorology, aerology, actinometry, atmospheric electricity, magnetism of the Earth, ionosphere and seismology. Young Polish specialists have been sent to the scientific-research stations in the USSR, Finland, West Germany, Sweden and Norway. There is one Soviet reference.

ASSOCIATION: Polish Committee for the International Geophysical Year Card 3/3

MANCHENKO, A.D., inzh.; RABCHEVSKIY, B.N., inzh.

7.

Equipment of a 2500 wide strip continuous cold rolling mill. Met. 1 gornorud. prom. no.1:33-36 Ja-F *62.

(Rolling mills—Equipment and supplies)

MANCHENKO, G.S. USSR/Engineering - Metallurgy

FD-2620

Card 1/1

: Pub. 41-6/21

Author

: Chernov, N. N., Domnitskiy, I. F., and Manchenko, G. S.,

Stalinsk

Title

: Study of the change in static pressure in the stack of a blast

furnace and the measurement of temperature in the hearth

Periodical

: Izv. AN SSSR, Otd. Tekh. Nauk 4, 63-72, Apr 1955

Abstract

: Discusses the effect of static pressure on the control of \boldsymbol{a} blast furnace. Reviews previous literature on temperature measurements along the stack of a blast furnace. Describes methods used for measuring temperature in a blast furnace hearth. Finds that by comparing pressure differential between hearth and throat it is possible to establish a high pressure heat schedule.

Graphs, formulae. Five USSR references.

Institution

Submitted

: February 26, 1955

MANCHENKO, I.V., ingh.; MIRONOV, N.V., ingh.

Powered drop hammer mounted on the S-80 tractor. Avt.dor. 22 no.3:
3 of cover Mr '59.

(Piling (Civil engineering)

MANCHENKO, L.V.

137-58-5-9324

G.S.

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 5, p 76 (USSR)

AUTHORS: Manchenko, L. V., Chelokhsayev, L.S., Chirkova, N.P.

TITLE: Thallium Distribution in the Dust Collecting System of a Lead

Plant (Raspredeleniye talliya po tsekhu pyleulavlivaniya svint-

sovogo zavoda)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 11-12, pp 51-53

ABSTRACT: Tl losses, as well as the distribution of this element in the dust-collecting system, were investigated. It was established that total Tl losses throughout the dust-collecting section of a lead plant may attain 24.9%, but that they can be reduced by one-half by means of extracting Tl from the drain water and by discontinuing the practice of discharging gases into the atmosphere without preliminary purification. It is essential that roasted dust from electrofilters be systematically processed

in the cadmium shop. This will sharply increase the proportion of Tl in the finished products.

1. Thallium--Determination 2. Thallium--Separation

Card 1/1 3. Lead--Production

MANCHERKO, LL

137-1958-2-2628

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 60 (USSR)

AUTHORS: Sychev, A.P., Manchenko, L.V.

TITLE: Electrosmelting a Lead Sinter (Elektroplavka svintsovogo

aglomerata)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 14, pp 18-23

ABSTRACT: Worked out and tested on a quasi-industrial scale was a method

of reducing a Pb sinter by electrosmelting. The tests were conducted with a 3-phase 2400-kva electric furnace. The rated current from the 2 transformers was 20,800 amp. The furnace,

rectangular in shape, had a hearth-bottom area of 19.6 m^2 (7x2.8). In the electrosmelting of lead it was found necessary to

use lower voltage levels at the electrodes than are used in electric furnaces in which Cu and Ni are smelted. It was possible to smelt a fluxed sinter with an ~ 50 percent Pb content

and \sim 12 percent Zn content, based on concentrates of the Leninogorsk lead works. The S content of the sinter should be higher than when the smelting is done in a shaft furnace (3-4 percent as opposed to 1.5-2 percent). Optimum smelting conditions

Card 1/2

were: coke-fines consumption 6-7 percent; S content of sinter

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137-1958-2-2628

Electrosmelting a Lead Sinter

3-4 percent; temperature of the process N 1200°. The effective depth of the bath was 1000-1200 mm. Electric power consumption was 600-650 kw-hr per ton of sinter. 992.15 tons of sinter were smelted. The average daily amount smelted for the 19 days during which the furnace was in operation was 52.2 tons, or 3.26 tons per square meter. The largest amount smelted was 67.0 t/day. The total quantity of dust was 86.822 tons, or 8.81 percent. The passing of Cu into the crude Pb (23.27 percent) and into the slag (15.8 percent) was attributed to the insufficient S content of the sinter (2 percent instead of 3-4 percent). The passing of Cu into the matte was found to be 38.65 percent. 84.25 percent of the Pb passed directly into the crude metal. 1.42 percent of the Pb had passed into the slag. The Zn became concentrated in the slags and dusts. The Zn content in the slag was 41.98 percent, in the matte 5.27 percent, in the skimmings 2.09 percent, in the dust 51.26 percent.

1. Lead—Smelting—Processes

G.S.

Card 2/2

137-58-6-11983

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 113 (USSR)

AUTHOR Manchenko L.V., Chirkova, N.P.

TITLE Recovery of Mercury at the Leninogorsk Complex Metals

Kombinat Polucheniye rtuti na Leninogorskom polimetalliche-

skom kombinater

PERIODICAL Byul. tsvetn. metallurgii 1957, Nr 23, pp 18-20

ABSTRACT

A method was developed for processing of sublimates con taining Hg Se and Tl. The process is based on the difference in vapor pressure of these elements and their compounds and consists of the following procedures After mixing the sublimates with Na₂CO₃ (40% of the dust by weight; the Hg is dis tilled out of the mixture at a temperature of 400-500°C. The SeO2 reacts with the Na₂SO₃ to form a nonvolatile sodium selenate the basic bulk of the Tl does not undergo sublimation at that temperature. An installation consisting of a retort furn ace is employed in this process, the temperature of the furnace is maintained automatically. Metallic TI flows along an in-

clined condenser tube into a collector and then into a sump

Card 1/2 where it is preserved under water until the condenser has been

Recovery of Mercury at the Leninogorsk Complex Metals Kombinat

completely drained. Sublimates processed in this installation contain an average amount of 3.5% Hg. The content of Hg in the cinder varies from traces to 0.1% and constitutes 0.019% on the average this corresponds to an extraction of 97.18%. 85 98% of the Se and 81 100% of the Tl remain in the cinder.

G.S.

Mercary recovery Materials deparation 3. Sodium compounds - Themical reactions - Selection oxides - Themical reactions

Card 2/2

SOV/136-58-8-7/27

AUTHORS: Manchenko, L.V. and Chirkova, N.P.

TITLE: Production of Mercury at the Lead Works of the Lenin-

ogorsk Polymetallic Kombinat (Polucheniye rtuti na svintsovom zavode Leninogorskogo polimetallicheskogo

kombinata).

accumulated.

PERIODICAL: TsvetnyreMetally, 1958, Nr.8, pp.28-34 (USSR)

ABSTRACT: At the Leninogorsk Kombinat mercury was detected in appreciable quantities in various process by-products

(sinter dust, etc.), and during a laboratory investigation of thallium distillation (Table 1). Temperature was found to have a great effect on the distillation of mercury (Fig.1 and Table 2). The work was continued on a larger

(Fig.1 and Table 2). The work was continued on a larger scale (Fig.2): in one series of tests 700 g charges of sublimate were distilled at 450-470°C; in a second, 500 g charges were heated with 40% by weight of soda at 500°C. There is now a full-scale mercury-distilling installation.

There is now a full-scale mercury-distilling installation, designed on the results of the above experiments, at the Leninogorskiy combine, and operating experience has been

The optimal conditions were found to be:

Card 1/2

SOV/936-58-8-7/27

Production of Mercury at the Lead Works of the Leninogorskiy Polymetallic Kombinat

40 and 3%, respectively, of soda and saltpetre, of the weight of sublimate; gas-space temperature in retorts, 450°C; duration of roasting 12 hours; suction after the retorts 8-12 mm water; exit-gas temperature not over 20°C. Under these conditions the mercury recovery was 95.5%; mercury loss in the cinder 0.4% (0.01% Hg in the cinder), the T1 and Se recovery in the cinder 95.5 and 99%, respectively. There are 2 figures, 4 tables and 5 Soviet references.

Mercury--Production
 Mercury--Temperature factors
 Mercury--Test results

Card 2/2

MANCHENKO, Yu.V.

Uropepsin in children of school age. Pediatriia no.7:33-36 '62.

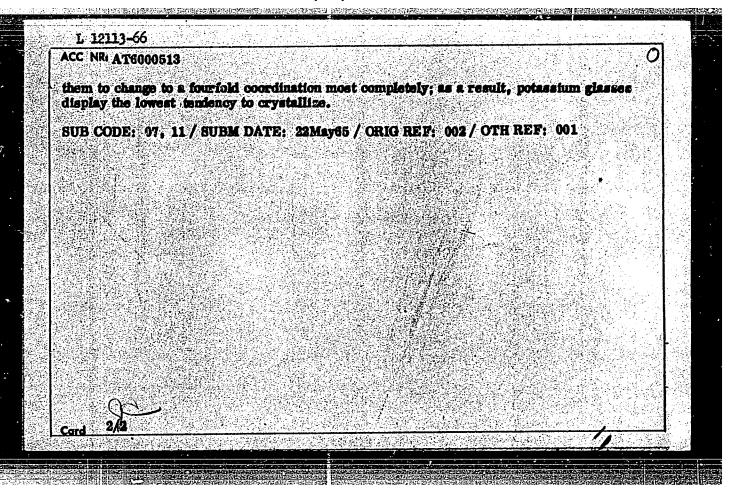
(MIRA 15:12)

1. Iz kafedry detskikh bolezney (zav. - prof. S.I. Ignatov)

L'vovskogo meditsinskogo instituta (dir. - prof. L.N. Kuzmenko).

(UROPEPSIN)

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| THOR: Manchenko, Z. | , | 23 |
| lG: none | | BH |
| TLE: Study of the patter | rn of change in certain properties of glasses of the Si | 0 ₂ -Al ₂ O ₃ - |
| O-B ₂ O ₃ -R ₂ O system | N | |
| URCE: Vs <u>esovuznoye so</u> 64. Stekloobraznoye so uka, 1965, 408–409 | oveshchaniye po stekloobraznomu sostoyaniye, 4th, stoyaniye (Vitreous state); truty soveshchaniya, Len | Leningrad, ngrad, izd-yo |
| PIC TAGS: borate glas | s, lithium glass, crystallization | |
| STRACT: Three fields | of the SiO2-Al2O3-CaO system (anorthite, wollaston | ite, tridymite) |
| ere studied. As B ₂ O ₃ w | as introduced through datolite in amounts of 2.5, 5, | ward anorthite |
| the shage diagram of th | to ternary system. At the same time, the upper crys (2.5 mole % B_2O_3) to 1900C (7.5 $-$ 10 mole % B_2O_3) | CHITISHTION |
| a horon is in the fourfold | d coordination, it is thought to increase the stability | of the Articons |
| ate. The effect of 2.5 a | nd 5 mole % alkalis (K2O, Na2O, LI2O) on glass crys gives up its oxygen most easily to aluminum and boro | n, thus causing |
| | | |
| so auniea, Pozasium j | | |



- 1. HANCHENKOV, YE.
- 2. USSR (600)
- 4. Sun
- 7. "The eye and the sun," S. I. Vavilov. Reviewed by YE. Manchenkov, Fiz. v shkole, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

MANCHEV, A; GURINOV, L; G'ORGIEV, G.

MANCHEV, A; GURINOV, L; GEORGIEV, G. Is the fairly early production of tomatoes profitable and feasible: r.5.

Vol. 11, no. 7, July 1956 KOOPERATIVNO ZEMEDELIE AGRICULTURE Sofiia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

MANCHEV,A.

On a case of endocarditis lenta. Suvrem. med., Sofiall no. 2-3: 182-185 60.

1. Iz Katedrata po bolnichna terapiia pri VMI "I.P.Pavlov" - Plovdiv, Rkuov. na katedrata: prof. P. Mironov.

(ENDOCARDITIS AURACTUE RACTERIAL case reports)

1,5

MANCHEV, A.; ATANASOV, K.

The importance of various biochemical indices in the early diagnosis of atheresclerosis. Suvr. med. 13 no.3:31-37 '62.

1. Iz Katedrata po bolnichno terapiia pri VMI [Vissh meditsinski institut] "I.P. Pavlov" - Plovdiv (Rukovod. na katedrata prof. P. Mirenov)

(ARTERIOSCLEROSIS) (BLOOD CHOLESTEROL)

(BLOOD PROTEIN ELECTROPHORESIS)

(LIPOPROTEINS)

Manchev. d. Model district dinter room for workers. n. NO. Shall rethod for determining relative. n. NO. DIA FOR THE LOSS.
Socies. Vol. N. no. 0, 1085.

SO: Nonthly List of the Bast European Accession, (w.AL) LO. Fol. N. no. 10, Oct. 1085. Uncl.

MANCHEV, G.

Exemplary council for social insurance. p. 35. LEKA PROMISHLENOST. Nofiya. Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

MANCHEV, G.

Production of Hungarian measuring devices for the textile industry. p. 36. LEKA PROMISHLENOST. Sofiya. Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

MANCHEV, G.

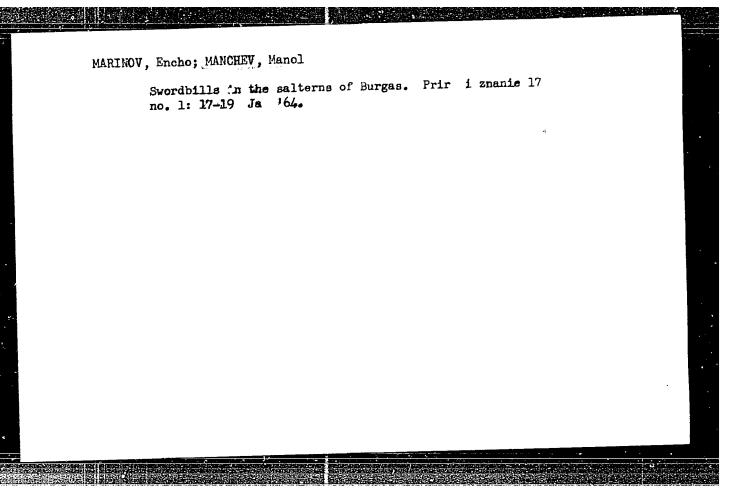
Glass used in industry. p. 37. LEKA PROMISHLENOST. Sofiya. Vol. 5, no.2. 1956.

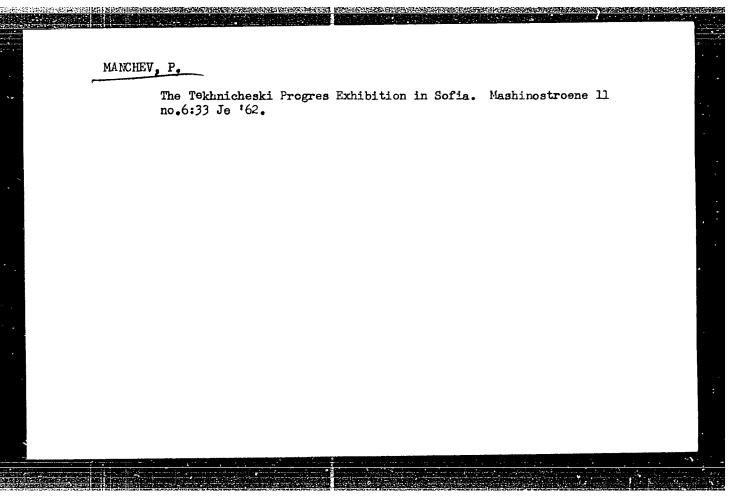
SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

MANCHEV, G.

The model 2.B Peckameter (impulse compensator). p. 39. LEKA PROMISHLENOST. Sofiya. Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.





Bulgaria/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6527

Author: Georgiyev, Iv.; Popov, Iv.; Tonchev, T. A.; Manchev, Stamat Khr.

Institution: None

Title: Use of Enzymatic Preparation from Botrytis cinerea to Accelerate

Maturation of Wine

Original

Publication: Nauch. tr. Vissh. in-t khranit. i vkus. prom-st Plovdiv, 1955, 2,

91-102

Abstract: On treatment of two specimens of table wine and one of dessert wine

with the enzymatic preparation from Botrytis cinerea (1 g per 1 liter),

there was observed, after 170 days, a considerable improvement in the quality of the wine, in comparison with the controls.

Card 1/1

H

BULGARIA/Chemical Technology. Chemical Products and Their

Application. Part 3. - Fermentation Industry.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72206.

Author: Stamat Khr. Manchev.

Inst

Title : Prolonged Exposition of White Table Wines to

Yeast (Discussion).

Orig Pub: Lozarstvo i vinarstvo, 1957, 6, No 6, 26-29.

Abstract: A rise of total and amine N and ester contents was

observed at the exposition of white table wine to yeast for 4.5, 8.5 and 12 months. Samples, that were exposed to yeast for a long period, were organoleptically evaluated best. The microscopic study of the residue showed that after an exposure

Card : 1/2

BULGARIA/Chemical Technology. Chemical Products and Their Application, Part 3. - Fermentation Industry.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72206.

of 4.5 months the wine contained 0.1% of living yeast cells, after 8.5 months it contained 0.01% and after 12 months 0.0003%.

Card : 2/2

Application. Fermenting Industry. : Ref Zhur - Khimiya, No 17, 1958, 59004 Abs Jour

BULGasta/Chemical reconology - Chemical Products and Their

Popov Ivan D, Georgiev Ivan K, Tonchev T A, Manchev S Author

Inst

: Speeding-Up the Ripening Process of Young Wine of the Title

Dirwat Type by a Biological Method.

: Izv. in-ta biol. Bulg. AN, 1957, 8, 207-221 Orig Pub

: In semi-factory conditions, the possibility was studied Abstract

of the utilization of the preparation Botrytis cinerea (see RZhKhim, 1957, 6527) for speeding-up the process of ripening and aging of young wine of the Dimyat type. The introduction into the wine of 0.75 g/l of a dry preparation significantly increases the content of amine nitrogen, lowers the quantity of colloids, does not change the hydrolysing activity of the esterase,

increases its synthesis activity and the activity of

Card 1/2

- 77 -

BULGARIA/Chemical Technology - Chemical Products and Their Application. Fermenting Industry.

H-27

Abs Jour

: Ref Zhur - Khimiya, No 17, 1958, 59004

the catalase. The general grade of the processed wine according to the Prostoserdov 10-mark system is 8.49 marks. The useful activity of the preparation begins to appear in the course of the third month.

Card 2/2

COUNTRY Bulgaria CATEGORY ABS. JOUR. : RZKhim., No. 21 1959, No. 76464 : Manchey, S. Kh. HOHTUA : Ploydiv Institute of the Food and Tastes Industry INST. : The Effect of the Lees on the Development of TITLE White Table Wines ORIG. PUB. : Nauchal Trudy Viesh Inst Khranit i Vkus Promishlenost-Piovdiv, 4, 133-141 (1958) : In the course of production tests with the stor-ABCTRACT age of Dimyat table wine in contact with the lees (L), en increase in the total N, amine N, and esters content was observed after relatively long contact times [barreling times?]. Wines which have been in contact with the L for the shortest time were found to have the highest hydrolyzing esterase activity. After a barreling time of 12 months, the titrable acidity and tartaric acid content of the wines did not decrease, and the CARD: 1/2 288

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| | 0RI4. 208. | : | | a defendance of the second | ì |
| • | AESTRACE | : | content of volatile acids did not increase. Wines carreled for 1.5 mosts were found to have the post flavor and arcma; the wine was found to be free of yeast turbidity and taste. The following recommendations are made for the barreling of the wine: the use of high-grade grapes with high titratle acidity, use of SO_2 and selected yeast, and frequent ranking of the wine with an optimum barreling time of 4-3 months. | | |
| | CSRD: 2/2 | | | the state of the s | |
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